

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Identified uses

SU12 – Manufacture of plastic products, including compounding and conversion

### 1.3. Details of the supplier of the safety data sheet

Name: KRAIBURG TPE GmbH & Co. KG  
Adress: Friedrich-Schmidt-Str. 2  
D-84478 Waldkraiburg  
Information contact: +49 (8638) 9810 0  
E-Mail (competent person): regulatory@kraiburg-tpe.com

### 1.4. Emergency telephone number

Emergency advice +49 (8638) 9810 0  
This number is only available at office times.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

#### Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

### 2.2. Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**

No Information available.

### 2.3. Other hazards

No Information available.

## SECTION 3: Composition/ information on ingredients

### 3.2. Mixtures

CAS No.	EG No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] (EG) Nr. 1272/2008 [CLP/GHS]
64359-81-5		4,5-Dichlor-2-octyl-2H-isothiazol-3-on	0,02 – 0,025	Acute Tox 2, H330 / Skin Corr. 1B, H314 / Aquatic Acute 1, H400 M=100 / Aquatic Chronic 1, H410 M=10 / Acute Tox. 4, H302 / Skin Sens. 1, H317

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### **General Information**

In case of allergic reactions, specially at respiratory tract, seek medical treatment immediately.  
Take affected person into fresh air.

#### **In case of inhalation**

Remove the casualty into fresh air and keep him immobile.  
If intensive inhalation of dust seek medical treatment immediately.  
In the event of symptoms refer for medical treatment.

#### **In case of skin contact**

In case of contact with skin wash off immediately with plenty of water.  
Consult a doctor if skin irritation persists.

#### **In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

#### **In case of ingestion**

Induce the patient to vomit by him self only if fully conscious.  
Turn a vomiting person lying on his back onto his side.  
Refer to medical treatment.  
Rinse out mouth thoroughly with water.

### 4.2. Most important symptoms and effects, both acute and delayed, Physician's information / possible symptoms

Allergic symptoms

### 4.3. Indication of any immediate medical attention and special treatment needed Treatment (Advice to doctor)

No Information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

Alcohol-resistant foam  
Dry powder  
Carbon dioxide  
Water spray jet

#### **Unsuitable extinguishing media**

Full water jet

### 5.2. Special hazards arising from the substance or mixture

Nitrogen gases (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### **Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

#### **Additional information**

Collect contaminated firefighting water separately, must not be discharged into the drains.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### **For non-emergency personnel**

Keep people away and stay on the upwind side.

### 6.2. Environmental precautions

Collect contaminated water / firefighting water separately.  
Do not discharge into the drains/surface waters/groundwater.  
Knock down dust with water spray jet.

### 6.3. Methods and material for containment and cleaning up

Avoid dust formation.  
Flush away residues with water.  
Take up mechanically and send for disposal.

### 6.4. Reference to other sections

Information for disposal see chapter 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### **Advice on safe handling**

Avoid the formation and deposition of dust.  
Care for suitable extraction / ventilation at processing machines.  
While handling with warm product suck off vapours.  
Extraction in situ required.

#### **Advice on protection against fire and explosion**

Pay attention to general rules of internal fire prevention.  
Avoid sedimentation of dust.  
Avoid formation of dust.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Requirements for storage rooms and vessels**

Keep in closed original container.  
Ventilate store-rooms thoroughly.

#### **Advice on storage compatibility**

Do not store with oxidizing agents.  
Do not store together with food.  
Do not store together with reducing agents.

#### **Further information on storage conditions**

Keep container tightly closed and store at cool and aired place.

#### **Storage group 11**

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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## 8.2. Exposure controls

### Respiratory protection

In case of insufficient ventilation or long-term effect use breathing apparatus.

Particle-filtering half mask, filter P2

### Hand protection

chemical-resistant gloves

### Eye protection

tightly fitting goggles

### Other protection measures

protective clothing

### General protective measures

Avoid contact with eyes and skin

Avoid contact of molten material with skin.

Do not inhale dust.

### Hygiene measures

At work do not eat, drink and smoke.

Keep away from food and drink.

Wash hands and skin before breaks and after work.

### Limitation and surveillance of the environment

Product related measures to prevent exposure

Organisational measures to prevent exposure

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Aggregate state:	solid
Appearance:	granules
Odour:	characteristic
Odour threshold:	not determined
Colour:	various, depending on coloration

pH value:	not applicable
Acid number:	not applicable
Boiling temperature/boiling range:	not determined
Melting point / Freezing point:	not determined
Flash point:	> 200°C
Flammable (solid):	not determined
Flammable (gas):	not determined
Ignition temperature:	not determined
Self-Ignition temperature:	not selfigniting
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Vapour pressure:	not determined
Relative density:	0,9 – 0,5 g/cm <sup>3</sup>
Bulk density:	0,45 – 0,7 g/cm <sup>3</sup>
Vapour density:	not determined
Solubility in water:	insoluble
Solubility / other:	not determined

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Partition coefficient n-octanol / water  
(log P O/W):  
Viscosity:

not applicable  
not determinable

#### **Oxidizing properties**

No information available.

#### **Explosive properties:**

No information available.

#### 9.2. Other information

No information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No information available.

#### 10.2. Chemical stability

No hazardous reactions known.

#### 10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

#### 10.4. Conditions to avoid

Reactions with strong oxidising agents.

#### 10.5. Incompatible materials

##### **Substances to avoid**

Reactions with strong oxidising agents.

Reactions with reducing agents.

#### 10.6. Hazardous decomposition products

Nitrous gases

Carbon monoxide and carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **Acute toxicity/Irritation/Sensitization**

##### **LD50 acute oral**

No data available

##### **LD50 acute dermal**

No data available

##### **LC50 acute inhalation**

No data available

##### **Skin irritation**

No data available

##### **Eye irritation**

No data available

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**Skin sensitization**

sensitization possible

**Sensitization respiratory system**

sensitization possible

**Subacute toxicity – Carcinogenicity****Mutagenicity**

No data available

**Reproduction-toxicity**

No data available

**Carcinogenicity**

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicological effects****Fish**

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

**Daphnia**

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

**Algae**

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

**Bacteria**

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

### 12.2. Persistence and degradability

**Physico-chemical degradability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**Biological degradability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**Biological eliminability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

### 12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

### 12.4. Mobility in soil

No Information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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## 12.6. Other adverse effects

No Information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Recommendations for the product

Remove in accordance with local official regulations.

#### Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

## SECTION 14: Transport information

#### Land and inland navigation transport ADR/RID

No dangerous goods as defined by the transport regulations

#### Marine transport IMDG

No dangerous goods as defined by the transport regulations

#### Air transport ICAO/IATA-DGR

No dangerous goods as defined by the transport regulations

#### Special precautions for user

No information available.

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Other regulations (EU)

All ingredients of the mixture correspond to the currently applicable provisions of the REACH Regulations.

#### National regulations

#### Restriction of occupation

Observe employment restrictions for young people.

Observe employment restrictions for mothers-to-be and nursing mothers.

#### Water hazard class

1

#### Decree for case of interference/remarks

Accident decree, addendum Decree for case of II: not named.

### 15.2. Chemical Safety Assessment

No Information available.

## SECTION 16: Other information

#### Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)

Version: 1.0

revision: 28.06.2016

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### Further information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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